
$^{11}\text{B}(^7\text{Li}, ^6\text{He})$ **1983Ne11**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

1983Ne11: $^{11}\text{B}(^7\text{Li}, ^6\text{He})$ E=34 MeV, measured $\sigma(E(^6\text{He}))$, $\sigma(\theta)$. ^{12}C deduced levels, J, π , T, S. DWBA analysis.

1987Co16: $^{11}\text{B}(^7\text{Li}, ^6\text{He})$ E=34 MeV, measured $\sigma(\theta)$.

^{12}C Levels

E(level)	J^π	Γ^\dagger	S^\ddagger	Comments
0	0^+		8.22	
4.4×10^3	2^+		1.78	
7.7×10^3	0^+		0.084	
9.6×10^3	3^-		0.37	
10.8×10^3	1^-		0.057	
11.8×10^3	2^+		0.079	
12.7×10^3			1	
15.1×10^3			0.78	
16.1×10^3			0.80	
18.35×10^3	5^-	$3^- \& 2^-$	350 keV	E(level): Unresolved doublet. See discussion in $^{11}\text{B}(\text{d},\text{n})$.

[†] From (1983Ne11).